

INDUSTRIAL AUTOMATION PRODUCT

6SE7041-4WM84-1CF0

SIMOVERT MASTERDRIVES ABI Normalizing Module

Siemens 6SE7041-4WM84-1CF0 is an ABI normalizing module for the documented 890–930 V DC, 1400 A MASTERDRIVES execution. It is a discontinued spare part for exact-hardware replacement.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES
Part number	6SE7041-4WM84-1CF0
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install 6SE7041-4WM84-1CF0 only in the documented 890–930 V DC, 1400 A MASTERDRIVES execution. Preserve the as-found wiring, hardware revision and configuration; then review diagnostics and verify the affected ABI normalization in the high-current drive hardware under controlled conditions.

System Role and Architecture

Siemens 6SE7041-4WM84-1CF0 is an ABI normalizing module for the documented 890–930 V DC, 1400 A MASTERDRIVES execution. It is a discontinued spare part for exact-hardware replacement.

FUNCTION 1
Exact article identity 6SE7041-4WM84-1CF0

FUNCTION 2
SIMOVERT MASTERDRIVES ABI Normalizing Module

FUNCTION 3
Documented role: ABI normalization in the high-current drive hardware

FUNCTION 4
Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES

1 Siemens 39VIMCCN-A5E00282175-07

2 Siemens 39EAMCBN-A5E00282025-05

3 Siemens 6SE6440-2UD31-1CA1

4 Siemens 6SE7033-5GJ84-1JC0

5 Siemens 6SL3224-0BE31-1UA0

6 Siemens 6SL3210-1PE31-8AL0

7 Siemens 6SL3310-1GE35-0AA3

8 Siemens C98043-A7042-L1-6

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	SIMOVERT MASTERDRIVES
02	890–930 V DC, 1400 A MASTERDRIVES execution
03	Documented connectors, terminals and protective-earth path
04	Approved firmware, parameter or project record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SIMOVERT MASTERDRIVES
Interface role	ABI normalization in the high-current drive hardware
Field / power context	890–930 V DC, 1400 A MASTERDRIVES execution
Commissioning evidence	Identity, interfaces, configuration, diagnostics and controlled functional response recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete 6SE7041-4WM84-1CF0 marking, SIMOVERT MASTERDRIVES ABI Normalizing Module designation and the recorded
- 2
- Place the drive, motor and connected process in the approved maintenance state.

3

4

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Module designation	ABI standard / normalizing module	Drive family	SIMOVERT MASTERDRIVES
Device voltage	890–930 V DC	Lifecycle	Discontinued product
Device current	1400 A	Migration path	LV SINAMICS product family

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ENGINEERING BOUNDARY

Confirm 6SE7041-4WM84-1CF0, the complete SIMOVERT MASTERDRIVES host, hardware revision, installed position, terminals, connectors, stored-energy state, protective earth, shielding, cooling, firmware or parameter record, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 6SE7041-4WM84-1CF0 marking, SIMOVERT MASTERDRIVES ABI Normalizing Module designation and the
- 2

Place the drive, motor and connected process in the approved maintenance state.
- 3

Isolate incoming and auxiliary power, prove stored DC-link energy discharged and use ESD controls.
- 4

Record every power, signal, feedback, communication, shielding and protective-earth connection before removal.

Applications and Engineering Context

SIMOVERT MASTERDRIVES planned maintenance

Restores the documented ABI normalization in the high-current drive hardware during controlled cabinet service.

SIMOVERT MASTERDRIVES ABI Normalizing Module replacement

Uses the exact 6SE7041-4WM84-1CF0 identity instead of a nearby electrical or firmware execution.

Drive-system refurbishment

Preserves the recorded hardware, connections, protective earth, cooling and configuration.

Controlled recommissioning

Confirms diagnostics and the affected drive role before automatic operation.

TECHNICAL NOTE

Install 6SE7041-4WM84-1CF0 only in the documented 890–930 V DC, 1400 A MASTERDRIVES execution. Preserve the as-found wiring, hardware revision and configuration; then review diagnostics and verify the affected ABI normalization in the high-current drive hardware under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	6SE7041-4WM84-1CF0 recorded
Host / carrier	SIMOVERT MASTERDRIVES
Physical interface	Installed power, signal, feedback and communication interfaces matched to the as-found record
Configuration	Approved hardware, firmware and parameter or project configuration restored
Functional proof	Controlled test confirms ABI normalization in the high-current drive hardware

IMPORTANT NOTICE

Confirm 6SE7041-4WM84-1CF0, the complete SIMOVERT MASTERDRIVES host, hardware revision, installed position, terminals, connectors, stored-energy state, protective earth, shielding, cooling, firmware or parameter record, diagnostics and controlled

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Siemens 39VIMCCN-A5E00282175-07

View Siemens 39VIMCCN-A5E00282175-07 page

2

Siemens 39EAMCBN-A5E00282025-05

View Siemens 39EAMCBN-A5E00282025-05 page

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Siemens 6SL3210-1PE31-8AL0

View Siemens 6SL3210-1PE31-8AL0 page

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Siemens 6SL3310-1GE35-0AA3

View Siemens 6SL3310-1GE35-0AA3 page

8

Siemens C98043-A7042-L1-6

View Siemens C98043-A7042-L1-6 page

MANUFACTURER SOURCE RECORD

Siemens SiePortal product record for 6SE7041-4WM84-1CF0 | Siemens official product and family documentation, accessed 24 September 2026

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.